

Approved For Release 2004/05/13 : CIA-RDP89B00980R000300060068-2 CUTOFF

DATE

0026Z 11 DEC 64

SECRET

TO : DIRECTOR

FROM :

ACTION:
INFO :

TOR 0152Z 11 DEC 64

ROUTING INT

1	
2	
3	
4	
5	
6	
7	
8	
9	

1	9
2	10
3	11
4	12
5	13
6	14
7	15
8	16

PRIORITY

25X1A

IN 62078

25X1A

POSTED

m.p.
25X1A

25X1A TO PRIORITY

INFO

CITE

OXCART FLTEST OPS

1. ARTICLE 129 MADE FLIGHT 78 ON 10 DEC 64, [REDACTED]
 TAKE BEF AT 0846 FOR 2 HOURS 58 MINUTES. MISSION: CLIMB AT
 450 KEAS, 3 PLUS MACH CRUISE, GROSS WEIGHT 111,000 LBS, C.G.
 20 PERCENT, TAKEOFF DISTANCE 5700 FEET, TAKEOFF SPEED 220 KNOTS,
 TEMPERATURE 27 DEGREES, WIND CALM, MAXIMUM SPEED 3.16 MACH,
 MAXIMUM ALTITUDE 81,000 FEET. TIME OVER 50,000 FEET ALTITUDE
 1 HOUR AND 15 MINUTES, TIME OVER 2.0 MACH 1 HOUR 15 MINUTES, TIME
 OVER 2.6 MACH 1 HOUR, TIME OVER 3.0 MACH 40 MINUTES. TOTAL
 AIRCRAFT FRAME TIME 82:02.

2. BOTH ENGINES WERE TRIMMED UP AT RUNWAY, REPEATEDLY STALLED
 ABOVE 775 DEGREES, WERE TRIMMED TO 770 DEGREES FOR TAKE OFF.
 CLIMBED MILITARY TO TANKER AT 29,000 FEET, ONLOADED 20,000 LBS.
 ACCELERATION LEVEL AT 26,000 FEET TO 450 KEAS. HELD 450 DURING
CLIMB TO 2.5 MACH BLED TO 400 KEAS DURING ACCELERATION TO 3.1
MACH. ACCELERATION TIME FROM 0.9 MACH TO 3.1 MACH WAS 15 MINUTES
40 SECONDS, CRUISED MACH 3.1 FOR 15 MINUTES. LEFT EGT GAGE STUCK

129/75
9.3.1 '60K?
26.5 min?
New 400K? 21+22 min now?
Wht off?
5.3.2 21+17 need?

SECRET

GROUP 1
EXCLUDED FROM AUTO-
MATIC DOWNGRADING
AND DECLASSIFICATION

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S E C R E T

PAGE TWO

AT 804 DEGREES. DECELERATED TO PICKUP TANKER, LEFT EGT STARTED WORKING AGAIN. ON LOADED 40,000 LBS FROM TANKER. ACCELERATED 400 KEAS. REQUIRED 18 MINUTES 0.9 MACH TO 3.1 MACH. DURING TURN AROUND AT BORDER INTERMITTENT SAS YAW INPUT 1 CPS WENT TO 1.5 CPS WITH INCREASED G. PILOT WENT AROUND TURN AT 3.1 MACH USING ALTITUDE HOLD, PREFERRED TO MACH HOLD. AFTER SEVERAL MINUTES AT 3.1 MACH THE RIGHT FORWARD BY-PASS DOORS OPENED AND RIGHT CIP DROPPED, THEN CORRECTED. DURING ACCELERATION AND TURN AROUND AT BORDER, DOORS CYCLED NUMEROUS TIMES. FUEL FLOW INITIALLY AT 3.1 MACH WAS 15,000 LBS PER ENGINE.

3. LANDING NORMAL, CHUTE OPERATION NORMAL.

END OF MESSAGE

Start cruise?
Alt?
Row settings?
SIF: 75K min AB, 30, std. day
58%

Fn max	14800
SFC max	2.205
Fn min AB	8600
SFC min AB	19.1% 1.755
WF	15,070

S E C R E T